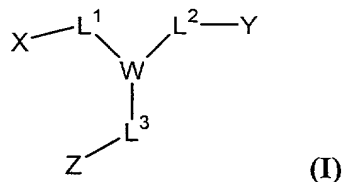


SITE-SPECIFIC, COVALENT BIOCONJUGATION OF PROTEINS

ABSTRACT OF THE DISCLOSURE

Heterofunctional crosslinking groups are provided having the formula:



wherein W is a covalent core component; L^1 , L^2 and L^3 are independently linking groups; X is a non-covalent or reversibly covalent protein tag binder; Y is a activatable covalent linking group; and Z is a protected or unprotected covalent crosslinking group.

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